

EP R&D Day

Wednesday, 22 May 2024

Poster Session & Lunch - 500/1-001 - Main Auditorium (12:20 - 14:20)

time	[id] title	presenter
12:20	[18] The Silicon Electron Multiplier Sensor	DE BENEDETTI, Federico
12:21	[19] Advanced Data Set Composition with RNTuple	DE GEUS, Florine
12:22	[20] Self-Protected High-Temperature Superconducting Demonstrator Magnets for Particle Detectors	CURE, Benoit MENTINK, Matthias
12:23	[21] Future Robotic Residents in Experimental Caverns	MAZZEI, Francesco BERNARDI, Luca SCARAMUZZINO, Paolo Francesco
12:24	[35] Key4hep: a Turnkey Software Framework for Future Accelerator Experiments	CARCELLER ON BEHALF OF THE KEY4HEP AUTHORS, Juan Miguel
12:25	[34] Towards detector agnostic Fast Simulation	RAIKWAR, Piyush
12:26	[33] WarTPC: A High-Pressure Time Projection Chamber	SNAPE, Matthew
12:27	[31] Modelling signal induction in detectors with resistive elements	JANSSENS, Djunes
12:28	[32] 100GbE2FE – Evaluation of Ethernet as a detector front-end readout link	STUMPERT, Valentin
12:29	[29] SOCRATES: a Radiation-Tolerant SoC Generator Framework	ANDORNO, Marco CARATELLI, Alessandro DENKINGER, Benoit NOOKALA, Anvesh
12:30	[17] Exploring the novel nLGAD concept	KRAUS, Veronika
12:31	[28] Virtual prototyping of pixel detectors with PixESL framework in High Energy Physics	DHALIWAL, Jashandeep
12:32	[27] Modular nitrogen boiling thermosyphons for multi-kiloampere current lead cooling	VAN DER WERF, Jasper
12:33	[26] Mitigating Emissions in Gaseous Particle Physics Detectors: CO ₂ as an Eco-Friendly Alternative for RPC Detectors	JUKS, Stefania-Alexandra
12:34	[25] A cold ejector-supported krypton system for future highly irradiated detectors	CONTIERO, Luca
12:35	[24] Thermalisation of HTS-based current leads using a single-stage GM cryocooler	GLUCHOWSKA, Weronika
12:36	[23] ALICE ITS3 WAFER-SCALE ON-CHIP READOUT ARCHITECTURE	VIQUEIRA RODRIGUEZ, Manuel
12:37	[22] Flex-PCB board design for SiPM readout at cryogenic temperatures	MALENTACCA, Lorenzo
12:38	[30] PICOSEC Micromegas precise-timing gaseous detectors and studies on robust photocathodes	LISOWSKA, Marta
12:39	[16] Caribou - A versatile data acquisition system for silicon pixel detector prototyping	OTARID, Younes

12:40	[37] Performance studies and design optimization of Spaghetti Calorimeter prototypes	BORDELIUS, Aleksandar
12:41	[36] MiniMALTA3 DMAPS	VAZQUEZ NUNEZ, Marcos
12:42	[38] 3D PRINTED PIPES INCLUDING SENSORS AND HEATERS FOR THERMAL MANAGEMENT SYSTEMS IN SPACE AND ON EARTH	MANOLI, Chrysoula